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## **3D Scene Reconstruction from Single Moving Camera**

### **1 Project Overview**

[1] [2] [3] [4]

### **2 Personnel**

### **3 Technology**

### **4 Timeline**

## References

- [1] Andrew J Davison. Real-time simultaneous localisation and mapping with a single camera. In *Computer Vision, 2003. Proceedings. Ninth IEEE International Conference on*, pages 1403–1410. IEEE, 2003.
- [2] Georg Klein and David Murray. Parallel tracking and mapping for small ar workspaces. In *Mixed and Augmented Reality, 2007. ISMAR 2007. 6th IEEE and ACM International Symposium on*, pages 225–234. IEEE, 2007.
- [3] Richard A Newcombe and Andrew J Davison. Live dense reconstruction with a single moving camera. In *Computer Vision and Pattern Recognition (CVPR), 2010 IEEE Conference on*, pages 1498–1505. IEEE, 2010.
- [4] Marc Pollefeys, David Nistér, J-M Frahm, Amir Akbarzadeh, Philippos Mordohai, Brian Clipp, Chris Engels, David Gallup, S-J Kim, Paul Merrell, et al. Detailed real-time urban 3d reconstruction from video. *International Journal of Computer Vision*, 78(2-3):143–167, 2008.